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National Institute of Informatics, Japan

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Imperial College London, UK

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National Institute of Informatics, Japan

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The 21st IEEE/ACM International Conference on Automated Software Engineering (ASE 2006)

Tokyo, Japan, September 18-22, 2006

http://www.ase-conference.org/

Call for Papers

The International Conference on Automated Software Engineering brings together researchers and practitioners to share ideas on the foundations, techniques, tools, and applications of automated software engineering technology. We invite contributions that address theoretical foundations, practical techniques, software tools, applications and/or experience reports in automated software engineering. ASE 2006 will include technical papers, invited talks, tutorials, workshops, tool demonstrations, and a doctoral symposium.

Important Dates for Submissions:

Workshop Proposal: *February 15, 2006* Tutorial Proposal: *April 14, 2006*
Abstract of Paper: *February 24, 2006* Doctoral Symposium Submission: *May 2, 2006*
Paper submission: *March 3, 2006* Tool Demo Submission: *May 10, 2006*

Scope:

ASE 2006 encourages contributions describing basic research, novel applications, and experience reports relevant to automating software engineering activities. Solicited topics include, but are not limited to:

- Automated reasoning techniques
- Component-based systems
- Computer-supported cooperative work
- Configuration management
- Domain modeling and meta-modeling
- Human computer interaction
- Knowledge acquisition & modeling
- Knowledge management for SE
- Maintenance and evolution
- Modeling language semantics
- Ontologies and methodologies
- Open systems development

- Product line architectures
- Program understanding
- Re-engineering
- Reflection and Metadata approaches
- Requirements engineering
- Specification languages
- Software architecture
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- Software visualization
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- Verification and validation

Submission:

Papers must not exceed 10 pages in the conference format (see http://www.computer.org/portal/ pages/ieeecs/publications/cps/cps_forms.html for the guidelines and ftp://pubftp.computer.org/Press/ Outgoing/proceedings/ for the formatting files). Papers exceeding the length restriction will not be reviewed. All papers that conform to submission guidelines will be submitted to a rigorous peer review process. ASE 2006 also invites submissions of proposals for *workshop*s, half-day/full-day *tutorials*, and *tool demonstrations*, as well as contributions to the *Doctoral Symposium*. Please send your submissions to corresponding chairs of the conference. More details are available at http:// www.ase-conference.org/

Publication:

IEEE Computer Society Press will publish accepted papers in the conference proceedings. In addition, authors of a selection of papers from the conference will be invited to revise and re-submit extended versions of their papers for consideration for a special issue of the Journal of Automated Software Engineering (Kluwer).

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